**United States Environmental Protection Agency**
**Region V**
**POLLUTION REPORT**



**Date:** Thursday, February 18, 2010
**From:** Anita L. Boseman

**Subject:** Time Critical Removal Action
State Plating
450 North 9th St., Elwood, IN
Latitude: 40.2830390
Longitude: -85.8517070

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|---|---|---|---|
| **POLREP No.:** | 16 | **Site #:** | B5SG |
| **Reporting Period:** | February 15-18, 2010 | **D.O. #:** | 07 |
| **Start Date:** | 10/12/2009 | **Response Authority:** | CERCLA |
| **Mob Date:** | 10/12/2009 | **Response Type:** | Time-Critical |
| **Demob Date:** | | **NPL Status:** | Non NPL |
| **Completion Date:** | | **Incident Category:** | Removal Action |
| **CERCLIS ID #:** | INN000510359 | **Contract #** | EP-S5-08-04 |
| **RCRIS ID #:** | | | |

**Site Description**
See POLREP #1

**Current Activities**

On February 15, 2010, filling of 13 poly tote containers with acid liquids D002, D007, D008 and D010 was completed. The totes were loaded onto one transporter for disposal as "Waste Corrosive Liquid, Acid Inorganic N.O.S, 8, II, RQ, UN 3264 liquids at Vickery Environmental Inc. in Vickery, OH. Approximately 3,300 gallons were shipped today. One 30yd. roll-off was delivered onsite. It will be used for non-hazardous debris. The poly containers that formerly contained waste liquids were cut into manageable pieces and placed into bins for later disposal. The ambient air inside the facility was monitored for the following parameters with the use of 4 AreaRaes: Lower Explosive Limit (LEL), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Hydrogen Sulfide (H2S), Volatile Organic Compounds (VOC) and Oxygen (O2). Also 2 DataRam were used via ERT's RAT to provide real time dust particulate monitoring.

On February 16, 2010, filling of 10 poly tote containers with acid liquids D002, D007, D008 and D010 was completed. The totes were loaded onto one transporter for disposal as "Waste Corrosive Liquid, Acid Inorganic N.O.S, 8, II, RQ, UN 3264 liquids at Vickery Environmental Inc. in Vickery, OH. Approximately 2,600 gallons were shipped today. The plastic floor sheeting was replaced in decon room. One 30yd. roll-off was delivered onsite. It will be used for non-hazardous debris. Poly containers that formerly contained waste liquids continued to be cut into manageable pieces and placed into bins for later disposal. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All worked was performed in Level C.

On February 17, 2010, approximately 300 ft. of processing lines were removed and staged. Non-hazardous debris was collected and placed into a 30yd roll-off for future disposal. Real-time

monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All worked was performed in Level C.

On February 18, 2010, non-hazardous debris was collected and placed into a 30yd. roll-off for future disposal. The pump and hoses used for pumping acidic liquids into totes were cleaned. Real-time monitoring of the ambient air inside the facility was performed with the use of 2 DataRam/RAT and 4 AreaRaes. All worked was performed in Level C.

**Next Steps**
- Continue real-time air monitoring of the ambient air inside the facility with the use of DataRams/RAT and AreaRaes.
- Continue preparing process lines for disposal.
- Continue onsite security during non-working hours.

**Key Issues**
None.

**Disposition of Wastes**
TOTAL TO DATE:

Bulk Liquids (Approximate)

24,544 gallons of Hazardous Waste Liquids D008 (Lead) have been transported to Vickery, OH for disposal.

45,435 gallons of Hazardous Waste Liquids D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

4,990 gallons of Waste Corrosive, Basic, Inorganic D002, D007 (Chromium, Nickel) have been transported to Vickery, OH for disposal.

41,463 gallons of Waste Corrosive, Acidic, Inorganic D002, D007, D008 (Sulfuric Acid, Hydrochloric Acid) have been transported to Vickery, OH for disposal.

10,163 gallons of Waste Sodium Hydroxide Solution, D002, D007 have been transported to Vickery, OH for disposal.

15,231 gallons of Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) have been transported to Vickery, OH for disposal.

| Waste Stream | Quantity | Manifest # | Disposal Facility |
|---|---|---|---|
| Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric Acid) | 3,248 gal | 005460052JJK | Vickery Environmental Inc., Vickery, OH |
| Waste Corrosive Liquid, Acidic, Inorganic, D002, D007, D008, D010 (Chromic Acid, Hydrochloric Acid, Sulfuric Acid, Nitric | 2,240 gal | 005460050JJK | Vickery Environmental Inc., Vickery, OH |

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| Acid) | | | |

www.epaosc.org/stateplating